71,826 TOTAL CAP. - PIUTE

PIUTE RESERVOIR UPDATE

OCTOBER 1, 1997 GAGE HEIGHT	31,510 AF
PIUTE CANAL CREDITS ON OCTOBER 1, 1997	21,120 AF
-5% RESERVOIR LOSS	1,056 AF
NET HOLDOVER STORAGE	20,064 AF
JANUARY 14, 1998 GAGE HEIGHT	63,768 AF
-NET HOLDOVER STORAGE	20,064 AF
NEW STORAGE MADE	43,704 AF

OTTER CREEK RESERVOIR UPDATE

OCTOBER 1, 1997 GAGE HEIGHT	35,840 AF
OTTER CREEK RESERVOIR COMPANY CREDITS 10,390 AF PRIMARY IN PIUTE RESERVOIR	40,125 AF
52,662 TOTAL CAP. - OTTER CR. JAN 14, 1998 GAGE HEIGHT	47,729 AF
-OCTOBER 1, 1997	35,840 AF
NEW STORAGE MADE	11,889 AF

OTHER RESERVOIR CONTENTS

PANGUITCH LAKE 12,638 AF ON JAN. 13 - CAPACITY 22,484 AF

TROPIC RESERVOIR 1781 AF ON JAN. 7 - CAPACITY 2260 AF

KOOSHAREM RES. 3149 AF, SPILLING 7 TO 10 CFS - CAPACITY 3956 AF

Put in Sevier River Hydrologic Cycle

Division of Storage Water 10/01/97

G.H. of Sevier Bridge 10/01/97 69.35			141,650 A.F.
Unused Primary Credits 10/1/97			
West View	2,771 A.F.		
Gunnison Fayette	3,993 A.F.		
Dover	(106) A.F.		
Lemington	1,519 A.F.		
McIntyre	1,277 A.F.		
Cropper	749 A.F.		
Total	10,203 A.F.		10,203 A.F.
Use of Lemington, McIntyre, and Cropper after 10/1/97			
The exchange of credits in Sevier Bridge with the primary made below.			800 A.F.
Holdover October 1, 1997			132,247 A.F.
Net Holdover (Holdover minus 5% Shrink)			**125,635** A.F.

Division of Storage Water 01/01/98

G.H. 01/01/98 G.H. 75.00			186,540 A.F.	
Net Holdover 10/01/97			125,635 A.F.	
Diversions After 10/1/97			1,934 A.F.	
Storage Made in Lower Zone 01/01/98			**62,839** A.F.	
		Ave Primary 60.00%		
Estimated Exchange Water in Lower Zone				
Wellington	3,750 A.F.			
Wells	133 A.F.			
Dover Stock	2,552 A.F.		12.765 CFS @ 168 DAYS)	
Deseret Stock 1998	1,500 A.F.			
Deseret Stock 1997 83.00%	1,425 A.F.		1997 crds 1717.06 a.f.	
TOTAL	9,360 A.F.		**9,360** A.F.	
Total Storage Made in Lower Zone				
From 10/01/97 01/01/98			**72,200** A.F.	
Sevier Bridge 1st Priority	**(17,080)** A.F.			
Sevier Bridge 3rd Priority	0 A.F.			
Estimated Storage Water Made in Lower Zone After 1/1/98				
Storage Water Make To 4/1/97				
90 Days * 280 cfs/present			**49,984** A.F.	
Estimated Unused Primary 1998				
(Westview, Gunnision Fayette, and Dover Unused Primary From 3/1/98 to 4/15/98)			1,190 A.F.	
Estimated Storage Water to 4/1/98 at Present Flows			**123,374** A.F.	

Sevier Bridge 1st Priority (89,280)	89,280	A.F.
Piute Resevoir 2nd Priority (40,000 a.f.)		
Sevier Bridge 3rd Priority (75% of 32,000)	24,000	A.F.
Sevier Bridge 4th Priority (13,720)	10,094	A.F.
Sevier Bridge 5th Priority (75% of 75,000)	0	A.F.
Sevier Bridge 6th Priority (85% > 250,000)	0	A.F.
Total Storage	123,374	A.F.

*** No storage water due Sevier Bridge as of 1/1/98 ***

Gentlemem:

I submit my report on the condition of storage water as of January 1, 1998. As you can see the condition of storage water in the lower zone is very good. At the present inflows into Sevier Bridge, the resevoir would be full April 1, 1998. However, I suspect the upper resevoirs will contribute additional water which will fill the resevoir sooner. It is obvious that the upper zone should hold all the water that it can. On October 1, 1997 I met with Ray and Kurt at Sevier Bridge, got a resevoir level, then went on up to Piute Resevoir. Sevier Bridge was at 69.35 or 141,650 acre feet. Piute Resevoir was at 55.4 or 31,510 acre feet. The net holdover at Sevier Bridge is 125,635 a.f. with the resevoir holding 186,540 acre feet on January 1, 1998. This 60,905 A.F. plus a diversion of 1,934 A.F. in October of 1997 for irrigation in the Delta area gives the lower zone 62,839 acre feet of storage as of January 1, 1998. If you will notice from the report, a substantial amount of storage was made from unused 1997 primary again pointing out the importance the Sanpitch River has to do with the storage supply, and also the primary supply, on the Sevier River system. If you add the estimated summer exchange water of 9,360 acre feet along with the projected storage water make-(this is at the present inflows which will surely increase)-you would have 123,374 acre feet of storage water made on April 1, 1998. This satisfies the 1st priority, the 3rd priority, and 10,094 acre feet of the 4th priority. Again, every attempt should be made to hold all the water you can in the upper zone since this will probaly be another year there won't be any exchangable water between the two zones.

Jim Walker

BASIN NAME / DATA SITE NAME	ELEV. (Ft)	SNOW WATER EQUIVALENT Current	Average	% of Average	TOTAL PRECIPITATION Current	Average	% of Average
PRICE-SAN RAFAEL							
SEELEY CREEK	10000	4.2	7.6	55	7.5	8.1	93
BUCK FLAT	9800	6.8	8.4	81	8.7	9.2	95
RED PINE RIDGE	9200	4.5	8.7	52	10.3	10.9	94
MAMMOTH-COTTONWOOD	8800	8.7	9.1	96	8.1	9.4	86
WHITE RIVER #1	8550	3.7	6.9	54	6.1	8.1	75
Basin-wide percent of average				69			89
DIRTY DEVIL							
DONKEY RESERVOIR	9800	3.0	4.3	70	3.5	5.9	59
BLACK FLAT-U.M. CK	9400	2.8	4.9	57	5.0	6.6	76
DILL'S CAMP	9200	3.8	7.3	52	7.5	9.6	78
Basin-wide percent of average				58			72
SOUTH EASTERN UTAH							
LASAL MOUNTAIN	9400	5.6	6.9	81	12.7	8.8	144
CAMP JACKSON	8600	5.6	4.9	114	8.2	9.1	90
EAST WILLOW CREEK	8100	4.7	2.6	181	6.3	4.8	131
Basin-wide percent of average				110			120
SEVIER RIVER							
MIDWAY VALLEY	9800	11.0	11.6	95	9.4	10.3	91
BOX CREEK	9800	5.6	6.2	90	6.1	8.0	76
FARNSWORTH LAKE	9600	8.3	9.8	85	9.4	10.4	90
PICKLE KEG	9600	7.4	8.0	93	8.8	9.4	94
CASTLE VALLEY	9580	4.8	6.1	79	7.0	8.6	81
WIDSTOE #3	9500	3.6	5.1	71	5.4	7.1	76
KIMBERLY MINE	9300	5.7	6.7	85	9.7	10.2	95
AGUA CANYON	8900	3.7	*	*	5.1	*	*
PINE CREEK	8800	13.3	9.0	148	13.1	10.6	124
MAMMOTH-COTTONWOOD	8800	8.7	9.1	96	8.1	9.4	86
GOOSEBERRY R.S.	8000	3.2	5.7	56	7.6	7.4	103
BEAVER DAMS	8000	2.8	5.5	51	7.5	8.0	94
HARRIS FLAT	7700	2.1	3.8	55	4.6	6.6	70
LONG VALLEY JCT	7500	1.3	1.9	68	4.5	6.1	74
Basin-wide percent of average				88			90
BEAVER RIVER							
BIG FLAT	10290	8.9	9.9	90	8.9	9.4	95
MERCHANT VALLEY	8750	7.8	6.2	126	8.2	8.5	96
Basin-wide percent of average				104			96